

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2007	375/142	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 11:24
L2	225	375/139	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 11:24
L3	6647	375/260	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 11:24
L4	30	2 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 11:24
L5	5	4 and chirp	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 11:25
S1	99	interdigital and vo	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:31
S2	14	interdigital and (don near vo)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:30
S3	0	interdigital and extend44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:31
S4	0	interdigital and extend4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:31
S5	15499	interdigital	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:31
S6	646	interdigital and "375"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:31
S7	135	interdigital and "375" and (channel near estimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:32
S8	0	interdigital and "375" and (channel near estimat\$4) and (variable same midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:32

S10	20	interdigital and "375" and (channel near estimat\$4) and (variable same sequence) and extend \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:33
S11	12	interdigital and "375" and (channel near estimat\$4) and (variable same sequence) and extend \$4 and burst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:33
S12	1	interdigital and "375" and (channel near estimat\$4) and (variable same sequence) and extend \$4 and (burst same type)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:35
S13	0	interdigital and "375" and (channel near estimat\$4) and (variable same sequence) and extend \$4 and chirp	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:35
S14	20	interdigital and "375" and (channel near estimat\$4) and (variable same sequence) and extend \$4 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:35
S15	11	interdigital and "375" and (channel near estimat\$4) and (variable same sequence) and extend \$4 and chip and (multiply\$4 same element)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:42
S16	11	interdigital and "375" and (channel near estimat\$4) and (variable same sequence) and extend \$4 and (multiply\$4 same element)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:43
S17	1	(variable near length near sequence) same fft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:45
S19	0	(variable near length) same fft same extend \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:45

S20	0	(variable near length) same fft same equence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:45
S21	17	(variable near length) same fft same sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:46
S22	2	"20040243656"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/27 15:57
S23	2	("6122703").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:00
S24	13	("6122703").URPN.	USPAT	OR	OFF	2008/01/27 17:01
S25	0	(variable near length near fft)	USPAT	OR	OFF	2008/01/27 17:02
S27	0	(variable near length) same fft same (channel near estimat\$4)	USPAT	OR	OFF	2008/01/27 17:02
S28	1	(variable near length) same fft and (channel near estimat\$4)	USPAT	OR	OFF	2008/01/27 17:26
S29	2	variable near length near ((reference or pilot or training) near (sequence or symbol \$1))	USPAT	OR	OFF	2008/01/27 17:28
S30	0	fft same (variable near length) same ((reference or pilot or training) near (sequence or symbol \$1))	USPAT	OR	OFF	2008/01/27 17:28
S32	0	(variable near length) same ((reference or pilot or training) near (sequence or symbol \$1)) same (channel near estimate)	USPAT	OR	OFF	2008/01/27 17:29
S33	3	(variable near length) same ((reference or pilot or training) near (sequence or symbol \$1)) same transform	USPAT	OR	OFF	2008/01/27 17:30
S34	0	(variable near length) same ((reference or pilot or training) near (sequence or symbol \$1)) same fft	USPAT	OR	OFF	2008/01/27 17:30

S35	1	(variable near length) same ((reference or pilot or training) near (sequence or symbol \$1)) same ofdm	USPAT	OR	OFF	2008/01/27 17:31
S36	0	("7269430").URPN.	USPAT	OR	OFF	2008/01/27 17:31
S37	0	("7269430").URPN.	USPAT	OR	OFF	2008/01/27 17:31
S38	0	(zero near padding) same fft same (chanel near estimat\$4)	USPAT	OR	OFF	2008/01/27 17:32
S39	8	(zero near padding) same fft same (channel near estimat\$4)	USPAT	OR	OFF	2008/01/27 17:39
S40	1	(variable near point near fft)	USPAT	OR	OFF	2008/01/27 17:45
S41	7	("5457462").URPN.	USPAT	OR	OFF	2008/01/27 17:39
S42	18	("3968490"   "4053885"   "4079376"   "4231005"   "4242682"   "4401987"   "4459592"   "4713664"   "5115244"   "5132688"   "5191347").PN. OR ("5457462").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/27 17:43
S43	0	S42 and (fft same variable)	US PGPUB; USPAT; USOCR	OR	OFF	2008/01/27 17:43
S44	3	S42 and (fft same point)	US PGPUB; USPAT; USOCR	OR	OFF	2008/01/27 17:44
S45	1	((variable or adjust\$4) near point near fft)	USPAT	OR	OFF	2008/01/27 17:46
S46	1	((var\$5 or adjust\$4) near point near fft)	USPAT	OR	OFF	2008/01/27 17:46
S48	1	((var\$5 or adjust\$4 or set\$5 or extend\$4) near point near fft)	USPAT	OR	OFF	2008/01/27 17:46
S49	26	(variable near length) same fft	USPAT	OR	OFF	2008/01/28 11:16
S50	20	interdigital and "375" and (channel near estimat\$4) and (variable same sequence)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 11:17
S51	983	extend\$4 same fft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 11:17

S52	159	(extend\$4 same fft) and (channel near estimat\$4)	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 11:18
S53	28	(extend\$4 same fft) same (channel near estimat\$4)	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 14:37
S54	61	(variable near length) same fft	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 13:41
S55	57	(variable near length) same ((reference or pilot or training) near (sequence or symbol \$1))	USPAT	OR	OFF	2008/01/28 13:41
S56	1	((var\$5 or adjust\$4 or set\$5) near point near fft)	USPAT	OR	OFF	2008/01/28 13:44
S57	2	("6122703").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 13:44
S58	0	(extended near algorithm) same fft same (channel near estimat\$4)	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 14:38
S59	55	(zero near padding) same (channel near estimat\$4)	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 14:39
S60	30	(zero near padding) same (channel near estimat\$4) same fft	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/28 14:39
S61	28	(channel near estimat \$4) same (circular near convolut\$4)	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:58
S62	12	(channel near estimat \$4) same (circular near convolut\$4) same fft	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:02
S63	465	(chirp near waveform)	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:16
S64	1	(chirp near waveform) same (channel near estimat\$4)	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:17
S65	2	(chirp near waveform) same (midamble or (training) or (pilot))	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:17
S66	167	(circular near convolut \$4) same (frequency near domain)	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:58

S67	59	(circular near convolut\$4) same (frequency near domain) same channel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:58
S68	14	(circular near convolut\$4) same (frequency near domain) same channel same estimat\$4	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/03 15:58
S69	0	chirp same (convolution or correlat\$4 or despread\$4) same midamble	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:35
S70	0	chirp same (convolut\$4 or correlat\$4 or despread\$4) same midamble	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:36
S71	1	chirp same midamble	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:36
S72	3	"2008042865"	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:36
S73	2	("7392018").PN.	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:38
S74	3	("6157183"   "6225941"   "7155171").PN. OR ("7392018").URPN.	US PGPUB; USPAT; USOCR	OR	OFF	2008/09/03 17:38
S75	2	("7398056").PN.	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:46
S76	3	("6157183"   "6225941"   "7155171").PN. OR ("7398056").URPN.	US PGPUB; USPAT; USOCR	OR	OFF	2008/09/03 17:47
S77	249	interdigital and chirp	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:55
S78	148	interdigital and chirp and (multiply\$4 or correlat\$4)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:56
S79	1	interdigital and chirp and (multiply\$4 or correlat\$4) and midamble	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:56

S80	114	interdigital and chirp and (multiply\$4 or correlat\$4) and element	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 17:57
S81	22	(chirp near sequence) and (chirp near waveform)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:17
S82	9	"1264415"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:46
S83	7	"6963546"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:52
S84	2	("6963546").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:53
S85	2	("7042967").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:55
S86	864	chirp same (correlat\$4 or despread\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:57
S87	0	chirp same (correlat\$4 or despread\$4) and midamble	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:57
S88	77	chirp same (correlat\$4 or despread\$4) and preamble	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:57
S89	13	chirp same (correlat\$4 or despread\$4) same preamble	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/03 18:58
S90	2	("5090024").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/04 10:30
S91	2	"20020122516"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/04 11:46
S92	2	chirp same ofdm same preamble same correlat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/04 11:48
S93	3	chirp same ofdm same preamble	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/04 11:49
S94	16	(chirp same preamble) and ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/04 11:50
S95	5	(chirp same preamble same correlat\$4) and ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/04 11:50

S96	2	("6963546").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/04 12:02
S97	2	"20020075797"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/04 12:15
S98	3	("5818813"   "5949817"   "6483856").PN. OR ("6888790").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/04 12:16
S99	0	S98 and chirp	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/04 12:17
S100	2	"20040196782"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/05 14:04
S101	97	chirp same based same (fourier or fft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/05 14:06
S102	14	chirp same based same (fourier or fft) same length	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/05 14:06
S103	2	("6252882").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/08 10:39
S104	4387	channel near impulse near response	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/10 11:20
S105	451	(channel near impulse near response) same fft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/10 11:20
S106	9	(channel near impulse near response) same fft same (preamble or midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/10 11:21
S107	285	(channel near impulse near response) same (preamble or midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/10 11:22
S108	29	(channel near impulse near response) same (preamble or midamble) same domain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/10 11:23
S109	57	nanotron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/31 12:11
S110	14	nanotron and chirp	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/31 12:11

S111	9	nanotron and chirp and spread	US; PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/31 12:11
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